Leica Lino & Roteo

The comprehensive range of innovative construction lasers

PART OF HEXAGON

- when it has to be **right**

Leica Geosystems

PROTECT by Leica Geosystems

We always protect your success

Lifetime Manufacturer's Warranty

Warranty coverage for the entire usage time of the product, in accordance with Leica Geosystems International Limited Warranty. This includes free of charge repair or replacement for all products that suffer defects as a result of faults in materials or manufacturing.

3 Years No Cost Period

Leica Geosystems' products fulfil the highest quality requirements to support you efficiently in your daily work on site. To provide you with even more security, we offer a 3 year "no cost period" on all devices in the Leica DISTO™, Leica Roteo and Leica Lino range.
Should your product become defective under normal conditions of use (as described in the user manual), it will be simply and efficiently replaced by your dealer. Time is money. Simply register your device within 8 weeks from the date of purchase at www.leica-geosystems.com/registration and extend your no cost period from 2 to 3 years.

Certified Quality

Leica Geosystems runs calibration laboratories (No. SCS079) and a test laboratory (No. STS549). Both are fully accredited by the SAS, the Swiss Accreditation Service. The calibration and test certificates issued by Leica Geosystems are officially and internationally recognised for horizon, angle, distance, frequency and laser classification. This confirmation of precision guarantees the highest possible reliability for our products. All laboratories are regularly controlled by an independent national institution according to ISO 17025.

Swiss Technology

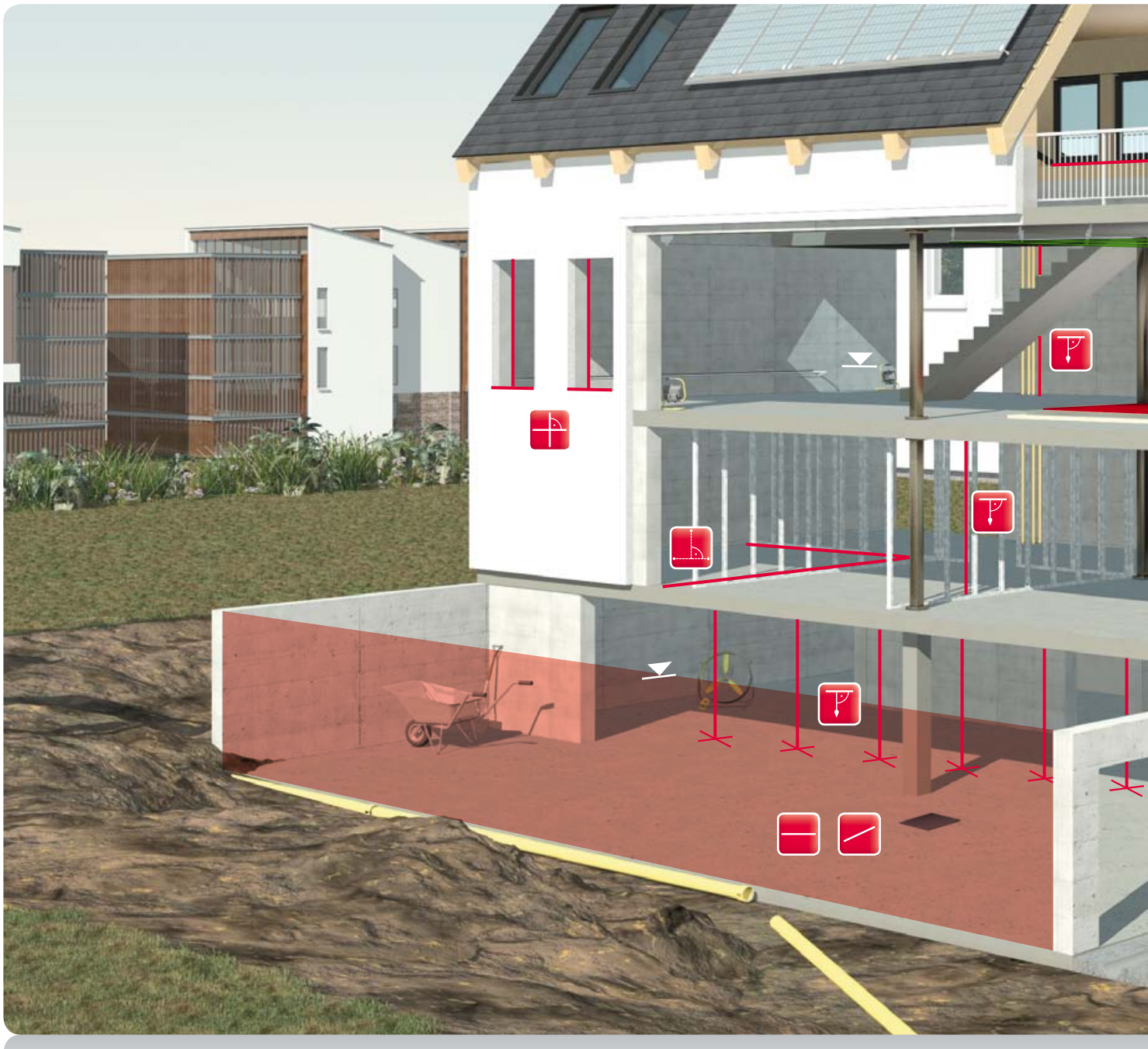
Our worldwide operations are state-of-the-art production centres, where Swiss precision, extraordinary craftsmanship and cutting-edge technology go hand-in-hand. Continuous and extensive tests throughout all stages of development and production ensure our products meet the highest standards for precision and quality.

Which laser is right for me?

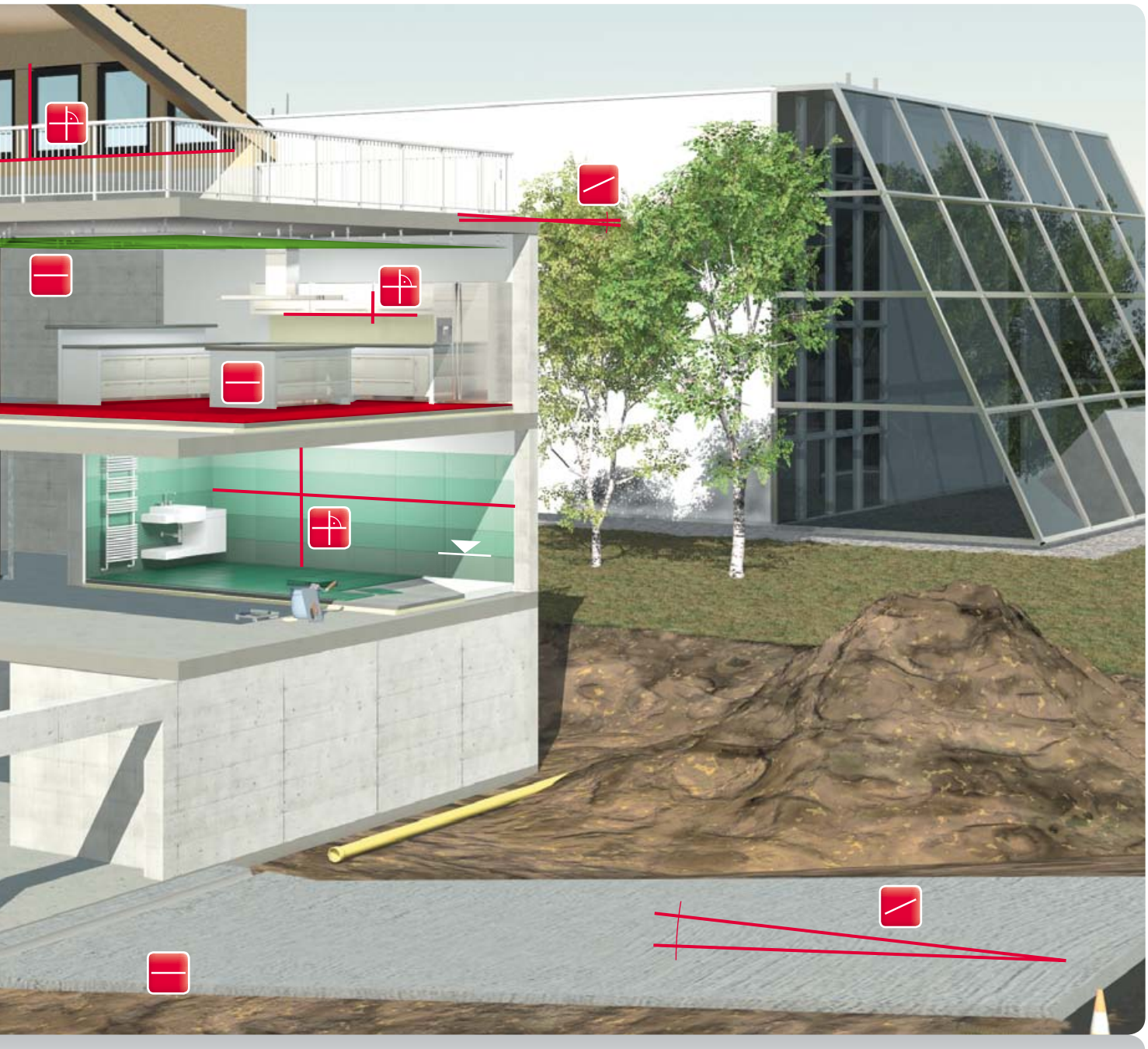
	Point Lasers **Lino**		Line Lasers **Lino**				Rotating Lasers **Roteo**		
	P3	**P5**	**L2**	**L2+**	**L2P5**	**L360**	**20HV**	**35**	**35G**
Plumbing up and down	●	●	○	○	●	○	◐	◐	◐
Setting-out right angles	○	●	○	○	●	○	●	●	●
Horizontal aligning	○	◐	●	●	●	●	●	●	●
Vertical aligning	◐	◐	●	●	●	●	●	●	●
Horizontal and vertical aligning	○	◐	●	●	●	●	●	●	●
Aligning of slopes	○	○	●	●	●	●	●	●	●
Quick, pendulum-based self-levelling	●	●	●	●	●	●	○	○	○
Precise, electronic self-levelling	○	○	○	○	○	○	●	●	●
Manual alignment	●	●	○	○	●	○	●	●	●
Increased visibility due to green laser technology	○	○	○	○	○	○	○	○	●
Flexible power supply	○	○	○	○	○	●	◐ optional	●	●
Compact and light	●	●	●	●	●	◐	○	○	○
Working over long distances with laser receiver	○	○	●	●	●	●	●	●	●
Working with remote control (infrared up to 30 m)	○	○	○	○	○	○	●	●	●
Recommended maximum working range up to 30 m	●	●	●	●	●	○	○	○	○
... up to 70 m	○	○	○	○	○	●	○	○	○
... over 70 m	○	○	○	○	○	○	●	●	●

● optimum ◐ suitable

Increase your productivity
Quick, accurate and efficient



Save time and money on every construction site. With the latest professional tools from Leica Geosystems, your work will be quick, accurate and efficient. Whether you are aligning, levelling or plumbing, we offer the optimum solution for every application.

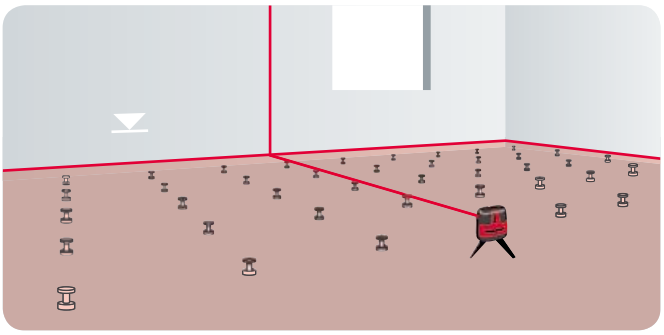


Leica Lino point and line lasers
Excel on every point across the whole range

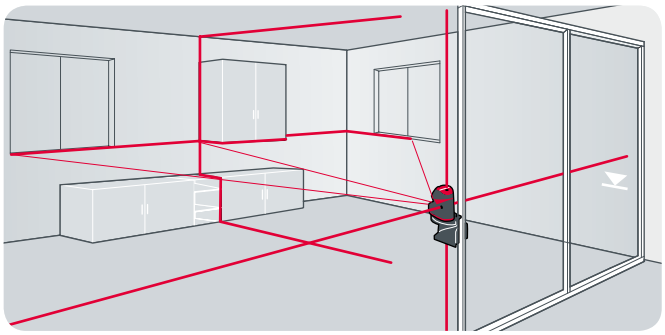
The Leica Lino point and line lasers are renowned for their proven Leica Geosystems quality and their outstanding optics. The Power Range Technology® provides excellent visibility for the projected lines and points.

Set-up simply and effortlessly with the Leica Lino series. The excellent pendulum damping system ensures minor deviations from true level are automatically and promptly compensated for. The handy, compact design makes the Leica Lino the ideal tool on every jobsite.

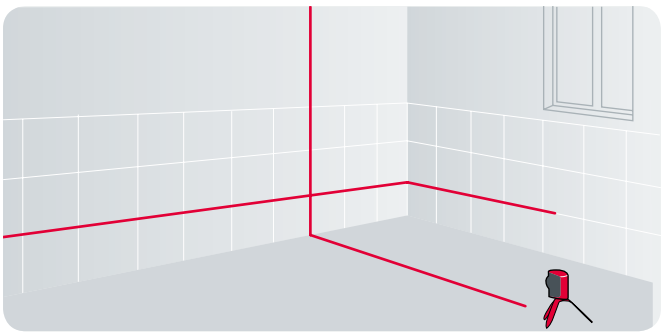
Perfectly aligned and arranged



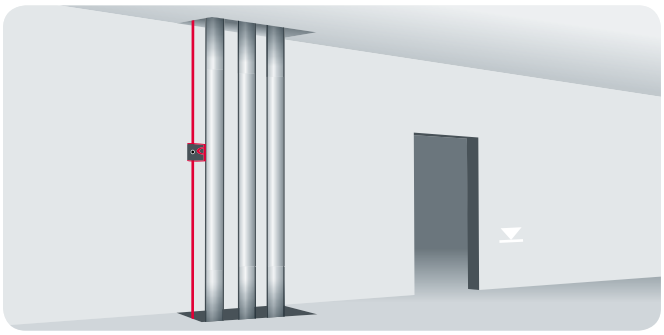
Raised floors
When installing raised floors, the various elements have to be aligned to a defined plane. Using the supplied target plate, you can always be sure of finding the required reference quickly and reliably.



Right-angled arrangement
Leica Lino laser points and lines are projected at right angles to one another. Aligning tasks, such as marking out 90° angles, are done at the touch of a button. Aligning windows, partition walls and other building elements becomes an easy task.



Aligning windows and tiles
Leica Lino conveniently transfers reference lines from one wall to an opposite wall to ensure the joints in the floor and wall tiles meet each other precisely.

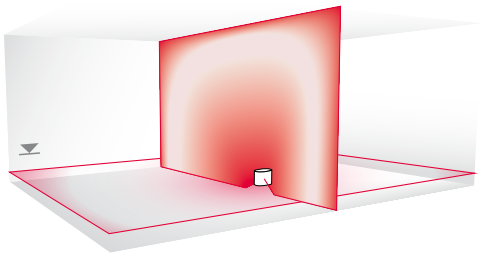


Aligning vertical pipework
Leica Lino is the perfect tool for plumbing. The laser beam is projected above and below the tool, allowing you to transfer reference points quickly and efficiently, e.g. from floor to ceiling. Pipework, trunking and other fixtures are always perfectly plumb.

Clear lines with precise right angles

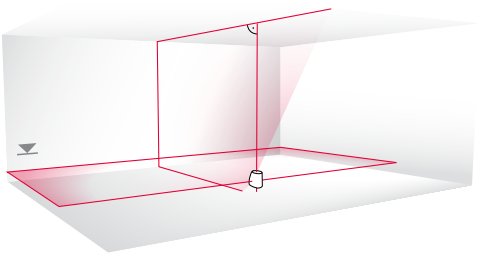
Lino L360

Leica Lino L360 – a precise line all the way around
The Leica Lino L360 projects a precise horizontal laser line and widens your working range to cover 360°. You no longer have to turn the tool yourself to transfer a reference point from one wall to an opposite wall. In addition, the tool's special housing design allows it to project a laser line very close to the floor, which is a crucial advantage when checking heights. The Leica Lino L360 is a very robust device and thanks to its IP65 protection class, is dust-tight and protected against water jets. It is powered by a rechargeable battery pack, which means it can operate for longer and there is no need to continuously buy new batteries.



Lino L2P5

Leica Lino L2P5 – the all-in-one instrument
The Leica Lino L2P5 point-line laser can do everything; it combines all the functions and advantages of the Leica Lino point and line lasers. In addition to the five laser points at right angles to one another, the tool creates a horizontal and vertical line or plane to allow your alignment and levelling work to be completed quickly and easily.



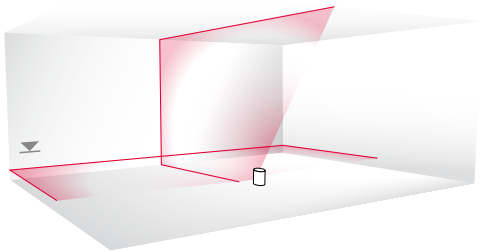
Accomplish real precision

Lino L2

Lino L2+

Leica Lino L2 – the cross line laser
The Leica Lino L2 cross line laser projects highly visible lines at right angles to one another. The time-consuming and tedious task of drawing lines on a wall is a thing of the past. The Leica Lino L2 features high accuracy of 1mm@5meters. With its multifunctional magnetic mini-tripod, the Leica Lino L2 can be quickly set-up or attached to walls, shelves or profiles.

Leica Lino L2+ – with extra long lines
The Leica Lino L2+ cross line laser has an optimised laser fan angle, allowing it to project extra-long and highly visible lines at right angles to one another.

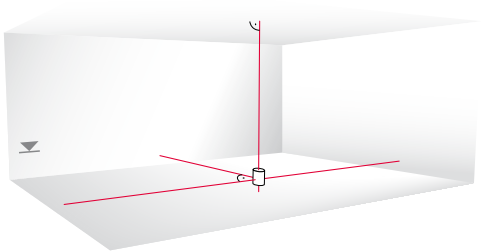


Lino P5

Lino P3

Leica Lino P5 – the classic layout laser
The Leica Lino P5 5-point laser creates vertical and horizontal points at right angles to one another from a central position. Three horizontally projected points are exactly the same height, ensuring setting-out is an easy task.

Leica Lino P3 – the 3-point laser
The Leica Lino P3 is perfect for plumbing up or down, as well as for quick and easy transferring of points.



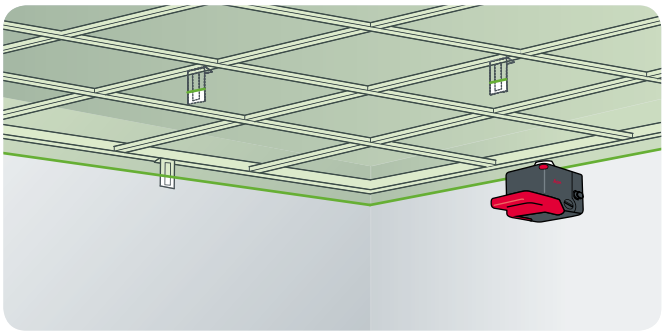
Leica Roteo rotating lasers
Highest visibility for an all-round solution

The Leica Roteo rotating laser family provides you with an all-around solution. On the ceiling or wall, on the floor or on the tripod, they work just as precisely indoors as they do outdoors. The laser is fully automatic and there is no need for time-consuming set-up or alignment. The Leica Roteo automatically compensates for being slightly out of level, within a range of 4.5°.

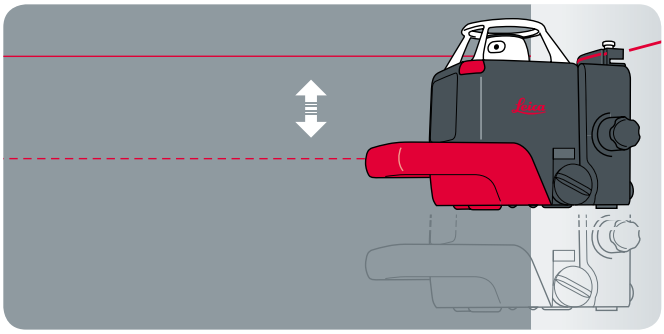
The brushless motor drives the laser head directly, without wear. Furthermore, the laser dot can also be aligned with the target by hand, as and when desired. This is particularly useful in scan mode to attain better visibility for certain types of work.

A strong aluminium cage protects the laser head from damage.

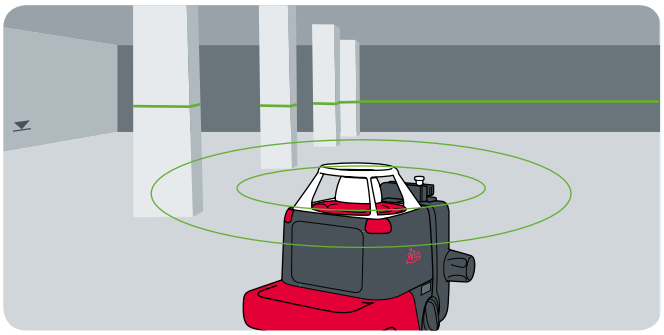
Precise transfer of reference lines



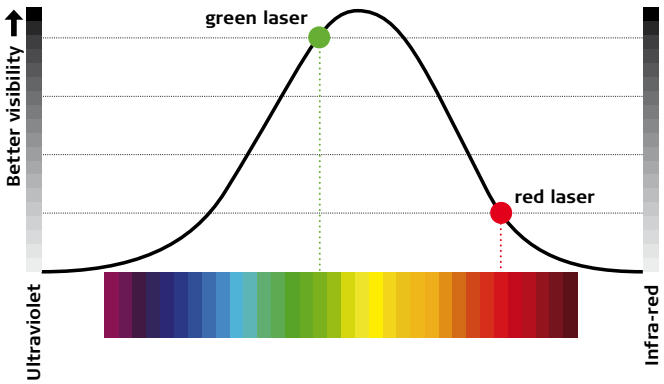
Suspended ceilings
When suspending ceilings, the various elements have to be aligned to a defined plane. Using the supplied target plate, you can always be sure of finding the required reference quickly and reliably.



Motorised wall mount bracket
The motorised wall mount bracket makes suspending ceilings even easier. The Leica Roteo 35 and 35G can be positioned on the wall and moved up and down to any height using the remote control.



Transferring reference heights
Establishing level reference markers and transferring reference lines are much easier thanks to the Leica Roteo and its highly visible laser beam. No laser receiver or other accessories are required for work indoors. The horizontal 360° reference allows you to transfer points from one wall quickly on to an adjoining wall or opposite walls, without having to move and set-up the laser again.



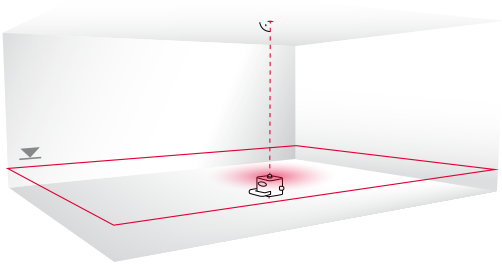
What is the advantage of the green laser?
The pioneering green laser beam is four times more visible to the human eye. Therefore, it is much easier to see, especially in very bright conditions and this remains over particularly long distances.

Best visibility
Green Laser

The right partners for longer distances

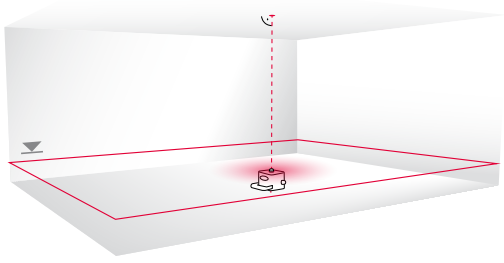
Roteo 20HV

Leica Roteo 20HV – horizontal and vertical laser
The Leica Roteo 20HV is the ideal rotating laser for basic users. A clear, simple keypad makes operation straightforward. The tool is supplied with a complete outfit for interior works including a remote control, wall bracket and target plate.



Roteo 35

Leica Roteo 35 – the all-in-one rotating laser
The Leica Roteo 35 offers many useful features and complete set of accessories for every application, especially for interior works. When working with the motorised wall mount, you can set the height of the laser beam to the nearest millimetre simply by using the combined remote control/receiver. This saves time and allows you to work alone; you no longer need to walk between the laser and the target to adjust the laser beam. The scan mode increases visibility for certain types of work and a strong aluminium cage protects the laser head from damage.



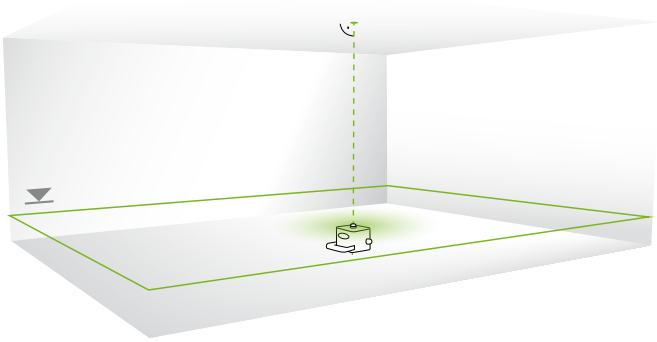
Green laser beam provides outstanding performance

Roteo 35G

Leica Roteo 35G – the smart professional package

The Leica Roteo 35G has all the characteristics of the Leica Roteo 35. In addition, it has a green laser beam which is four times more visible to the human eye. Therefore, it is much easier to see, especially in very bright conditions and this remains over particularly long distances.

Best visibility
Green Laser



The perfect accessory for every application

You can find exactly what you need in the vast range of Leica Geosystems original accessories. Whether you are looking for a laser receiver, a tripod, an adapter or any other item, we have the right accessory to extend the range of application for your tool.

For long working ranges

The working range of line and rotating lasers can be considerably extended by using a laser receiver. This is particularly helpful in very bright conditions. Optical and acoustic signals help you to find the laser line or plane quickly and easily.

The remote control allows you to operate the laser from a distance. This is a considerable advantage when you are working over longer distances or the laser is positioned on the ceiling.

Using the combined remote control and laser receiver, it is even possible for one person to correctly align the laser, as the unit locates and controls the laser line.

The flexible bracket lets you attach the laser receiver in a wide range of positions and to various objects and building elements.

Leica RVL100 Laser receiver
Art. No. 784 962
For locating red pulsed laser lines at a distance of up to 80 m. For Lino L2, L2+, L2P5, L360, ML90, ML180.

Leica RC350 Remote control
Art. No. 762 770
For operating Roteo 20HV, 35, 35G. Range 30 m.

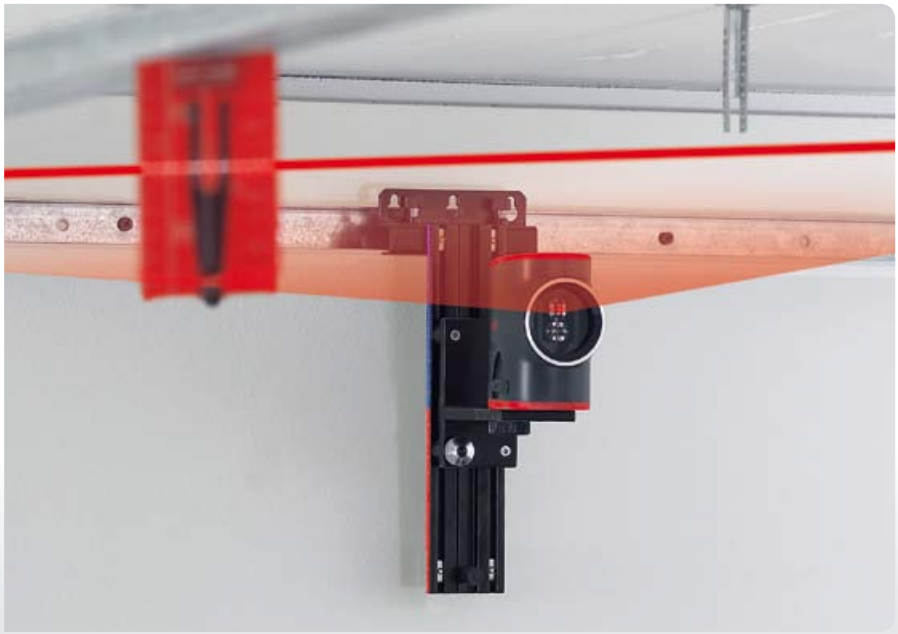
Leica R250 Laser receiver with bracket
Art. No. 772 793
For locating red reference laser beams at a distance of up to 150 m. For Roteo 20HV, 35.

Leica RRC350 Combined remote control/receiver with bracket
Art. No. 762 771
For locating red reference laser beams at a distance of up to 150 m. Remote control range: 30 m. For Roteo 20HV, 35.

Leica RRC350G Combined remote control/receiver with bracket
Art. No. 772 795
For locating green reference laser beams at a distance of up to 150 m. Remote control range: 30 m. For Roteo 35G.

Leica Lino and Roteo accessories

Leica wall and ceiling adapter
Art. No. 758 839
Height-adjustable and universal application with to screw fastening. Makes suspending ceilings much easier. ¼" screw.
For Lino P3, P5, L2, L2+, L2P5.



Universal quick charger
Art. No. 782 669
For charging 4 rechargeable batteries; type AA or AAA. With 4 rechargeable batteries type AA NiMH / 2300 mAh and 4 adapters for worldwide use.

GLB30 Laser glasses 3 in 1
Art. No. 780 117
For better visibility of laser lines and dots outdoors. With three different sets of lenses: laser visibility, safety and sun protection.

Leica target plate
Art. No. 758 831
For visualisation of red laser lines in open space. With scale, magnet and foldable stand for easy placement.
Size: 150×74 mm.

Built for stability

The most important criterion for a good tripod is its stability. This is a significant argument, but not the only one put forward for the original tripod from Leica Geosystems. Other advantages not to be underestimated include its durability, optimum vibration damping, water resistance and its outstanding performance in direct sunlight and strength/weight ratio.

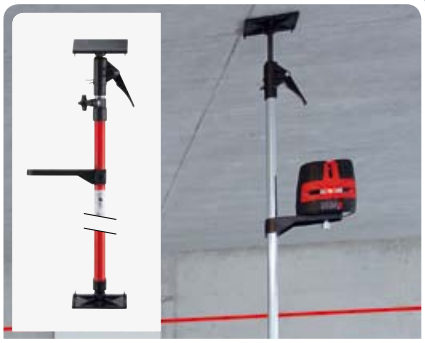
Leica TRI70 tripod
Art. No. 794 963
The small portable tripod is intended for everyday use. Its features include easy fine adjustment and a bubble level. Extendible length from 0.40 m to 1.15 m.
For Lino P3, P5, L2, L2+, L2P5

Leica TRI 100 Tripod
Art. No. 757 938
Quality tripod with bubble tube, very easy fine adjustment. Extendible length from 0.70 m to 1.74 m.
For Lino P3, P5, L2, L2+, L2P5.

Leica CET103 Crank-head tripod
Art. No. 768 033
Quality aluminium tripod with quick-release brackets, bubble level and shoulder strap. Extendible length from 0.84 m to 2.46 m.
For all Roteos.

Leica CTP106-1 Aluminium tripod
Art. No. 789 913
Lightweight aluminium with side clamp screws and shoulder strap. Extendible length from 0.85 m to 1.60 m.
For all Roteos.

Leica CTP104D-1 Dome-head tripod
Art. No. 790 226
Medium-duty aluminium tripod with fast clamps and shoulder strap. Extendible length from 0.85 m to 1.60 m.
For all Roteos, Lino ML90, ML180.



Leica CLR290 Clamp rod
Art. No. 761 762
With universal mounting platform for line and rotating lasers. Extendible length up to 2.90 m. The clamp rod can be fixed between the floor and ceiling. This allows the laser to be positioned at any desired height.
For all Roteos and Linos.

Your World of Precision Tools

Lino

Roteo

3D Disto

Lino

Lino

The innovative power of a pioneer in laser-accurate measuring and construction products goes into every device: Leica Geosystems.

More information: www.disto.com

DISTO™

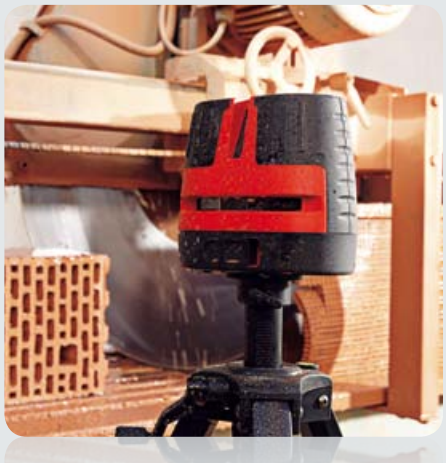
DISTO™

Set-up, switch on, ready!
Simple and intuitive

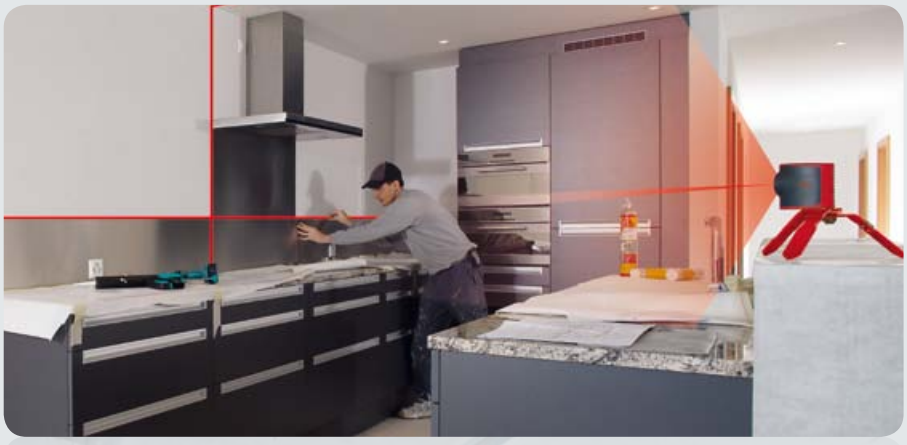
Comprehensive symbols and logical key assignment for the laser, remote control and receiver, guarantee operation is as simple and intuitive as possible.

Self-levelling
No time-consuming aligning necessary. The Leica Roteo and Lino automatically compensate for being slightly out of level, electronically or by pendulum, depending on the model.

Warning function
Avoid costly errors with the warning function. If the tool tilt is too great, the laser flashes or switches off automatically.



Site-proof, highly robust
All tools are protected against dust and splash-proof to IP54. The Leica Lino L360 is even dust-tight and spray water protected to IP65.



Outstanding visibility

High-quality optics and proven Power Range Technology™ from Leica Geosystems ensures outstanding visibility and accuracy of projected laser lines and points.

POWER RANGE Technology™

The Leica Roteo series at a glance
Technical data

Technical data rotating laser	Roteo 35G	Roteo 35	Roteo 20HV
Art. No.	772 787	765 752	772 789
Range with laser receiver* (radius)	up to 150 m		
Levelling accuracy	± 3 mm @ 30 m		
Automatic laser levelling	horizontal vertical	horizontal vertical	horizontal vertical
Self-levelling range	± 4,5°		
Rotation speed	variable 0, 150, 300, 450, 600 rpm	variable 0, 150, 300, 450, 600 rpm	variable 0, 150, 300, 450, 600 rpm
Scan angle	variable from 2° to 36°	variable from 2° to 36°	variable from 2° to 36°
Wall mount bracket	motorised	motorised	manual
Laser type	532 nm, Laser cl. 3R	635 nm, Laser cl. 3R	
Battery type	alkali D-cells, 2 × 1.5 V or rechargeable battery pack (NiMH)		alkali D-cells, 2 × 1,5 V
Battery life	up to 25 hours (rechargeable) up to 40 hours (alkali batteries)	up to 50 hours (rechargeable) up to 160 hours (alkali batteries)	up to 160 hours (alkali batteries)
Protection class	IP54		
Dimensions (H × W × D) without wall mount bracket	189 × 136 × 208 mm	189 × 136 × 208 mm	189 × 136 × 208 mm
Weight with batteries	1700 g	1700 g	1700 g
Tripod thread	5/8"	5/8"	5/8"

*) depending on lighting conditions

Technical data laser receiver	RC 350	RRC350	RRC 350G	R250
Art. No.	762 770	762 771	772 795	772 793
Function	remote control for Leica Roteo	locating the red reference laser beam remote control for Leica Roteo	locating the green reference laser beam remote control for Leica Roteo 35G	locating the red reference laser beam
Remote control range	up to 30 m	up to 30 m	up to 30 m	
Laser receiver range		up to 150 m	up to 150 m	up to 150 m
Sensitivity (adjustable)		±1 mm / ±3 mm	±1 mm / ±3 mm	±1 mm / ±3 mm
Length of reception window		35 mm	35 mm	35 mm
Protection class	IP54	IP54	IP54	IP54
Battery type	type AA, 1 × 1,5 V	1 × 6LR61, 9 V	1 × 6LR61, 9 V	1 × 6LR61, 9 V
Dimensions	96 × 55 × 21 mm	120 × 78 × 32 mm	120 × 78 × 32 mm	120 × 78 × 32 mm
Weight with batteries	46 g	228 g	228 g	228 g

The Leica Lino series at a glance
Technical data

Technical data	Lino L360	Lino L2P5	Lino L2+	Lino L2	Lino P5	Lino P3
Art.No.	790 509	777 069	783711	757 225	777 068	777 067
Range*	up to 30 m					
Range with laser receiver*	up to 70m	up to 60m	up to 60 m	up to 60 m		
Levelling accuracy	± 1,5mm @ 5m	± 1,5mm @ 5m	± 1,5mm @ 5m	± 1mm @ 5m	± 1,5mm @ 5m	± 1,5mm @ 5m
Self-levelling range	3,5° ± 0,5°	4° ± 0,5°	4° ± 0,5°	4° ± 0,5°	4° ± 0,5°	4° ± 0,5°
Number of laser dots		4			5	3
Number of laser lines	2	2	2	2		
Beam direction	vertical, 360° horizontal	vertical, horizontal up, down, right, left	vertical, horizontal	vertical, horizontal	up, down, forward, right, left	up, down, forward
Plumb dot accuracy		± 1,5mm @ 5m			± 1,5mm @ 5m	± 1,5mm @ 5m
Horizontal line accuracy	± 1,5mm @ 5m	± 1,5mm @ 5m	± 1,5mm @ 5m	± 1,5mm @ 5m		
Vertical accuracy	± 0,75mm @ 3m	± 0,75mm @ 3m	± 0,75mm @ 3m	± 0,75mm @ 3m		
Laser type	635nm, Laser cl. 2	635nm, Laser cl. 2	635nm, Laser cl. 2	635nm, Laser cl. 2	635nm, Laser cl. 2	635nm, Laser cl. 2
Battery type	NiMH battery pack	type AA 4 x 1,5V	type AA 4×1,5V	type AA 3×1,5V	type AA 3×1,5V	type AA 3×1,5V
Battery life	up to 20 hours (rechargeable)	up to 10 hours (alkaline)	up to 12 hours (alkaline)	up to 8 hours (alkaline)	up to 18 hours (alkaline)	up to 18 hours (alkaline)
Protection class	IP65	IP54	IP54	IP54	IP54	IP54
Dimensions (H×D×W)	131,7×145 ×96,2mm	117,8×130,7 ×75,4mm	117,8×130,7 ×75,4mm	96×91×54mm	99,1×108,1 ×59,3mm	99,1×108,1 ×59,3mm
Weight with batteries	1009 g	463 g	530 g	390 g	390 g	380 g
Tripod thread	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"

*) depending on lighting conditions

Laser class 2
in accordance with IEC 60825-1

Laser class 3R
in accordance with IEC 60825-1

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Technical data laser receiver	RVL100
Art. No.	784 962
Function	Locating pulsed laser lines
Remote control range	
Laser receiver range	up to 80m
Sensitivity (adjustable)	± 1mm / ±3mm
Length of reception window	42mm
Protection class	IP54
Battery type	1×6LR61, 9V
Dimensions	147,5×75,5×29,5mm
Weight with batteries	260g

*) depending on lighting conditions

Frank Schulze
Drywaller

"For interior work, I require a versatile rotating laser. The Leica Roteo 35G is the perfect tool for laying floors or installing walls and ceilings".

Jürgen Lippmann
Kitchen installer

"The Leica Lino L2 projects absolutely straight lines around corners as well as onto opposite walls. So my kitchens fit perfectly."

Dealer stamp

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